ESTIMATED COST OF LINE---HEBER TO PARK CITY, UTAH.

Distance, Main Line 19.4 Miles, Sidings 3.1 Miles, Total 22.5 Miles.

G R A D U A T I O N.

Clearing	28	Acres at	$25.00 A	$700.00
Embankment	309900	Cu. Yds."	.07½	23242.50
Earth Excavation	11525	" " "	.07½	849.37
Gravel	37700	" " "	.20	7540.00
Loose Rock	42450	" " "	.30	12735.00
Solid Rock	45600	" " "	.70	31920.00
Box Culvert Masaonry	591	" " "	$4.00	2364.00
Total Graduation----------				$79350.87
Pile Bridges----60---16 ft. Spans at $125.00 per span-------				7500.00
Drain and Irrigating Boxes--17300 ft. B.M. at $30.00 per M.-				519.00
Cattle Guards----32---at $50.00 each----------				1600.00
Road Crossings----------5000ft. B.M. at $30.00 per M.------				150.00
Fencing-----19.4 Miles at $350.00 per Mile----------				6790.00
57 lb. Steel for 22.5 Miles of track----2016 Tons at $35.00				70560.00
Fastenings for 57 lb. steel for 22.5 miles track at $450.00				10125.00
Tie Plates for 6° and sharper curves-2000 plates per mile-5M.				1500.00
57 lb. switch Material complete-15 Sets at $150.00----------				2250.00
Track Laying Labor-----22.5 Miles at $600.00 per Mile------				13500.00
Cross-ties at 2750 per mile for 22.5 miles---61875 at 40 c. ea.				24750.00
Right-of-way----------				17200.00
Engineering and Contingencies----------				10000.00
One Water Tank and Pipe Line----------				5000.00
Buildings-Depot and Engine House at Park City----------				$4000.00
Stock Yards at One Point-30 car capacity----------				1500.00
Telegraph Line---19.4 Miles at $50.00 per mile-(W.U.Contract)				970.00
Total Estimated cost Heber to Park City as above				$257284.87

Above estimate includes depot and engine house at Park City, and one pipe line and tank, also fencing, telegraph line, and stock yards, but does not include snow sheds and fences, coal chutes and shops, legal expenses, road tools and machinery.

Office of Chief Engineer.

Salt Lake City, December 5-1896.

ESTIMATED COST OF LINE---PROVO TO HEBER CITY, UTAH.

Distance, Main Line 26.6 Miles, Sidings 3.4 Miles. Total 30 Miles.

G R A D U A T I O N .

Clearing	120 Acers at $25.00 per A.		$3000.00
Embankment	445200 Cu.Yds."	.07½C. Y.	33390.00
Earth Excavation	21750 " " "	.07½ " "	1631.25.
Gravel	111640 " " "	.20 " "	22328.00
Loose Rock	70670 " " "	.30 " "	21201.00
Solid Rock	43380 " " "	.70 " "	30366.00
Box Culvert Masonry	701 " " "	$4.00 " "	2804.00
Rip Rap	12576 " " "	.80 " "	10060.80
Total Graduation			$124711.05

2---72 ft. Plate Girders with stone abutments (Provo River C'ng.	$15000.00
Pile Bridges--58--16 ft. Spans at $125.00 per span	7250.00
Drain and Irrigating boxes-49240 ft. B.M. at $30.00 per M.	1477.20
Cattle Guards----36 at $50.00 each	4300.00
Road Crossings----8850 ft. B.M. at $30.00 per M.	265.50
Fencing---26.6 Miles at 350.00 per mile	9310.00

57 lb. steel for 30 miles track--3008 Tons at $35.00 per ton	94080.00
Fastenings for 57 lb. steel 30 miles at $450.00 per mile	13500.00
Tie Plates for 6° and sharper curves 2000 plates per mile	1300.00
57 lb. switch material complete---25 switches at $150.00	3750.00
Track Laying labor--30 miles at $600.00 per mile	18000.00
Cross Ties-2750 per mile for 30 miles---8250 at .40 c. each.	33000.00
	$21200.00
Right of way	12000.00
Engineering and Contingencies	5000.00
One 50,000.Gal. Tank and Pipe Line	4000.00
Buildings---Depot at Heber and Stock Yards	1350.00
Telegreph Line 26.6 Miles at $50.00 per mile (W.U. Contract)	
Total estimated cost Provo to Heber as above	$309373.75

Above estimate includes depot and stock yards at Heber, one tank and Pipe Line, fencing and telegreph line, but does not include cost of snow sheds and fences, coal chutes, car sheds and shops, legal expenses, road tools and machinery.

Salt Lake City, December 5th 1896.

Office of Chief Engineer.